

REVIEWS

The Cytoarchitectonics of the Human Cerebral Cortex. By CONSTANTIN VON ECONOMO, Professor of Neurology and Psychiatry in the University of Vienna. Translated by Dr S. PARKER. (Oxford University Press.) 1929. Pp. 186. Figs. 61. Price 21s. net.

Professor von Economo's great work, *Die Cytoarchitektonik der Hirnrinde des erwachsenen Menschen*, was published in 1925 and reviewed in this *Journal* (vol. LXI (1926-7), p. 264). The present work, translated into English by Dr S. Parker, is a condensation—an abstract of the essentials—of his great book and atlas. The author has also taken the opportunity to introduce modifications and additions which are new. For English anatomists and medical men generally, the present work will be a boon, for it presents them with an excellent summary of the present state of knowledge concerning the microscopic structure of the cortical areas of the brain. A comparison between the final cortical maps now published and those which Professor Elliot Smith contributed to this *Journal* in 1907, demonstrates a close correspondence and shows how reliable are the naked-eye methods which were used by Professor Elliot Smith. Chapters I and II are devoted to the lamination of the cortex, the constituent elements of each layer, the various grades of cortex, and a description of the methods which the author has employed in his investigations. A new system of dividing the brain into lobes is described, the lobes corresponding, not to gross markings, but to the type of structure revealed by a microscopic examination of the cortex. Chapters III and IV are given to the frontal lobe, chapters V and VI to the parietal lobe, chapter VII to the insular lobe, chapter VIII to the occipital lobe, chapter IX to the temporal lobe, and chapters X, XI to what was formerly named the "limbic" lobe. The final chapter, the most interesting of all, is devoted to the manifestations of the living cortex, consciousness being regarded as "the specific sensory energy of the cerebrum." Finally, the "natural law of progressive cerebration" is discussed.

Brain and Mind or the Nervous System of Man. By R. J. A. BERRY, M.D., Dean of the Faculty of Medicine and Professor of Anatomy in the University of Melbourne. (Macmillan Company, New York.) 1928. Pp. 608. Figs. 130. Price 31s. 6d. net.

In the previous issue of this *Journal* there was reviewed Professor Wood Jones' *Matrix of the Mind*, a book which gives a lucid and original account of the central nervous system as seen from a personal point of view. Professor Berry's book is more systematic, more ambitious, although not less personal, for all through its forty-three chapters the author's individuality and predilections are palpable. The aim of the book is to describe the central nervous